Index to Proceedings

HIGHLIGHTS OF THE NINTH ANNUAL NATIONAL CONFERENCE
By Howard M. Dickason 308

GATEWAY TO PRODUCTIVITY
By William T. Thurman 311

CHIEF INDUSTRIAL ENGINEERS' FORUM
Central Organization and Control
By Richard A. Forberg 314
Factory Organization and Application
By P. S. Willard 319
Administration of Industrial Engineering
By George H. Gustat 324
Management of the Industrial Engineering Function
By Warren E. Alberts 328
Making Industrial Engineering Pay Off
By Douglas Watson 333

THE INDUSTRIAL ENGINEERS' CONCEPT OF PRODUCTIVITY
Productivity in Electronics Manufacturing
By R. B. Parkhurst 336
Productivity in the Airframe Industry
By Thomas L. McCarthy 338
Productivity in Light Manufacturing
By W. H. Trumbull 340
Productivity in Petroleum Refining
By R. M. Brown 343
Productivity in Food Processing
By A. L. Buffington 346
EDP—Promise for Greater Productivity
By Wesley S. Bagby 348
Reducing the Costs of Ocean Transportation
By John M. Gilbreth 352
Productivity in a Retail Store
By Alvin M. Ferst, Jr. 353

PRODUCTIVITY THROUGH INDUSTRIAL ENGINEERING ANALYSIS
Industrial Design
By Melvin H. Best 355
Pre-Production Planning
By Arthur J. Casebeer 356
Facilities Planning
By William T. Morris 358
Economic Analysis of Automatic Equipment
By Raymond R. Mayer 361
Techniques of Profit Control
By Charles A. Bogenrief 366
Organization Planning
By Charles F. Rowbotham 369
Management Planning and Control
By John D. McFadden 371
Linear Programming
By William Karush 375

SOME ECONOMIC ASPECTS OF THE COLD WAR
By Neil H. Jacoby 387

INDUSTRIAL ENGINEERING METHODOLOGY
Simulation of the Firm
By Martin Shubik 390
Some Practical Simulations of Operations
By John B. Lathrop and John E. Walsh 392
Computerized Production Control
By J. T. Clark 397

EDP—THE FOURTH DIMENSION OF PRODUCTIVITY
Multiplying Defense Capabilities
By Charles A. Phillips 403
EDP—Its Impact on Jobs, Procedures and People
By J. Douglas Elliott 407

INCREASED PROFITS IN SMALL PLANTS
Improved Manufacturing Controls
By N. A. Lamberti 411
Sales and Contracts
By Donald L. Driscoll 413

PSYCHOLOGY AND PRODUCTIVITY
Functional Supervision
By Harry L. Coderre 417
Leadership for Production
By Milton Gordon 420
Drive Them or Lead Them
By Mark E. Lundin 423

MOTIVATING ENGINEERS
By Robert S. Bell 426

MANAGEMENT OF NEW PRODUCTS
By Ralph W. Jones 429

JOB SIMPLIFICATION VERSUS JOB ENLARGEMENT
Psychological Aspects
By Neil D. Warren 435
Job Design
By R. N. Lehrer 439

PRODUCTIVITY WITHOUT COMPROMISE
The Burden of the Past
By Frank H. Squires 447
Productivity through Quality
By W. Grant Ireson 449
The Quest for Certainty
By Adam Abruzzi 452

TOP MANAGEMENT DECISION AND SIMULATION PROCESSES
By Richard Bellman 459